

Mill Brook Watershed Management Committee
Minutes for December 6, 2021 meeting at 5 pm
Approved on January 3, 2022

People present: David Bouck, Angela Luckey, Prudy Burt, Bill Wilcox, Tim Boland, Donna Paulnock

People absent: Cynthia Mitchell, Kristen Geagan

No invoices to review

Approved minutes for November 1, 2021 minutes

Next sampling round of Mill Brook scheduled for Sunday, December 19th

David, Tim, and Prudy walked the Mill Brook starting at Scotchman's bridge lane to Mill Pond.

- Discovered that there is a lot of thick vegetation and diffuse flow
- Was hard to tell which was the main course
- Several remnant ponds for houses on Old County
 - o Diverting from maybe the main stem of the brook and have created some different channels
- May be good to do some flow measurements this winter to see if there are changes due to lack of vegetation
 - o Also look at flow increase after storm event
- Looks like a classic dammed stream – resulting in a diffuse swamp area rather than a singular stream.

David will send sampling map to Neal

Everyone will review the contract with Neal and make sure we are on track

Bill measured flow on December 1st or 2nd at stations 4,5, and 6

- Did each transect twice to make sure the data is reproduceable and it came out well
- Indicating that flow meter is fairly accurate, so it is likely that our errors are issues in reading the staff gauge.
 - o Bow wave can be hard to read on the staff gauge
- Our general correlations are not that bad once outliers are removed
- We do ultimately need more data points

Discussion about the Island's climate action plan and their most recent meeting

- Mill Brook Committee could be involved in promoting data driven initiatives
- Prudy and Tim will keep us all posted on how meetings go

Next meeting Monday, December 27th at 5 pm